

#INspirEDmath

July 2019, Volume 11

Welcome Back!

The 2019-2020 school year is here! It feels like only a couple weeks ago we were wrapping up the last school year and vowing to reflect and replenish over the summer. I hope you found the opportunity to do both! Last year we focused our newsletters each month around the Eight Effective Math Teaching Practices from NCTM. This year we will focus on the student experience, increasing rigor and relevance, and improving number sense from kindergarten to calculus!

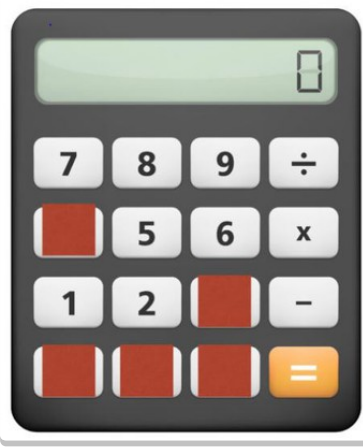
"THE BEST THING ABOUT BEING A TEACHER IS THAT IT MATTERS. THE HARDEST THING ABOUT BEING A TEACHER IS THAT IT MATTERS EVERY DAY."

Video: What would your students say about their experience with math?

Solving The Math Problem - Subtitled



Problem of the Month!



Broken Calculators

How many ways can you reach the number 33, even when the calculator is broken?

Broken Calculators is a versatile opener that offers students the opportunity to reach a goal number using different and personal approaches. Visit mathforlove.com for more detail, ideas, and inspiration!

A FREE COURSE FOR IMPROVING STUDENT PERCEPTION AND EXPERIENCE IN MATH FROM JO BOALER!

How to Learn Math is a FREE class for students! The course will feature Dr. Jo Boaler, the Nomellini-Olivier Professor of Mathematics Education at Stanford University and the faculty director of youcubed. She was recently named one of the eight educators “changing the face of education” by the BBC. **There are six sessions, the first three are approximately ten minutes long and the last three approximately twenty minutes long.** It combines important information on the brain and learning with new evidence on the best ways to approach and learn math effectively. Many people have had negative experiences with math, and end up disliking math or failing. This class will give learners of math the information they need to become powerful math learners, it will correct any misconceptions they have about what math is, and it will teach them about their own potential to succeed and the strategies needed to approach math effectively.

Main concepts to learn in this course:

- Knocking Down the Myths About Math
- Math and Mindset
- Mistakes and Speed
- Number Flexibility, Mathematical Reasoning, and Connections
- Number Patterns and Representations
- Math in Life, Nature and Work

Click [here](#) to begin in either English or Spanish!

Who To Follow On Twitter



@fawnpnguyen

Fawn Nguyen is a middle school math teacher, presenter, and curriculum writer from California. She is the author of several online curricular resources, including visualpatterns.org and mathtalks.net.



@achievethecore

Find, steal, and share free tools and resources aligned to college- and career-ready standards.



@Math_m_Addicts

Nanette Johnson is a math teacher specialist and co-founder of openmiddle.com.

Mathematics Educator Spotlight Nomination

We are looking for rock star math educators who are innovative and inspiring; educators who lead, learn, and collaborate with humility and passion. If you know someone (or are that someone) click the button and nominate them (or yourself)!


Your IDOE Mathematics Team




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